

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

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Report No. 474 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 10/1/15 to 10/31/15:

- **AMAZON ROBOTICS LLC WH2XZJ 0506-EX-PL-2015**
New experimental to operate on 433 MHz for RFID testing.
Mobile: MO at 300 Riverpark Dr., N. Reading, MA
- **AVWATCH INC WH2XZX 0604-EX-PL-2015**
New experimental to operate on 2377 MHz for UAS
Fixed & Mobile: 100KM radius Joint Base Cape Cod, MA
- **BLACKROCK MICROSYSTEMS, LLC WH2XZH 0537-EX-PL-2015**
Testing advanced wireless neurosensing device.
Mobile Cleveland, OH
- **COLLEGE OF MARINE STUDIES, UNIVERSITY OF DELAWARE WH2XZK 0554-EX-PL-2015**
New experimental to operate on 25 MHz to study ocean surface currents.
Mobile: 5km radius around Cape Henlopen, DE
- **DOUGLASS M. ALLEN WH2XZO 0600-EX-PL-2015**
New experimental to operate on 137 MHz and 472 MHz for
Propagation testing
Fixed: Inman (Spartansburg), SC
- **HNS LICENSE SUB, LLC WH2XZL 0410-EX-PL-2015**
New experimental to operate in 1626.5-1660.5 MHz for testing and development of new prototype
mobile earth terminals.
Mobile: Throughout Southern California

- **JULIE A MCGREW WH2XZM 0602-EX-PL-2015**
New experimental to operate in 465.00 - 490.00 kHz to test and design antennas and transmitters.
Fixed: Florence (Lane), OR
- **KYMETA CORPORATION WH2XXH 0427-EX-PL-2015**
New experimental to operate in 13.75 - 14.50 GHz to test and demonstrate antenna technology.
Mobile
- **LOCIVA WH2XYI 0528-EX-PL-2015**
New experimental to operate in 704.00 - 716.00, 734.00 - 746.00 and 1805.00 - 1880.00 MHz To test and demonstrate 4G LTE devices.
Mobile: Ft Dix, NJ
- **NORTHROP GRUMMAN SYSTEMS CORPORATION WH2XYJ 0479-EX-PL-2015**
New experimental in 9300-9400 MHz to use radars as a controlled source as a stimulus for internal processing of a target system.
Mobile: Throughout the US
- **NORTHROP GRUMMAN SYSTEMS CORPORATION WH2XYP 0523-EX-PL-2015**
New experimental to operate on 9410 MHz for electronic warfare system development.
Mobile
- **PUMPKIN, INC. WH2XWI 0301-EX-PL-2015**
New experimental to operate on 435.00 MHz and in 1615.00 - 1617.50 MHz for Cubesat testing.
Mobile: Satellite in Low Earth Orbit
- **RAYTHEON IIS WH2XZV 0627-EX-PL-2015**
New experimental to operate in 420.00 - 450.00 MHz to examine the physical aspects of situational awareness radio infrastructure design.
Mobile: Wilsonville, OR
- **RAYTHEON MISSILE SYSTEMS WH2XZT 0620-EX-PL-2015**
New experimental to operate on 2425.00 MHz for ground based testing of a telemetry link.
Mobile: Tucson, AZ
- **RAYTHEON SAS WH2XZS 0618-EX-PL-2015**
New experimental to operate in 470.00 - 608.00 and 614.00 - 698.00 MHz to test Dynamic Spectrum Access (DSA) in TVWS spectrum.
Fixed & Mobile: State of AZ
- **RAYTHEON INTEGRATED DEFENSE SYSTEMS WH2XZW 0634-EX-PL-2015**
New experimental to operate in 9.20 - 10.50 GHz to perform measurements on various radar systems.
Fixed: Tewksbury (Middlesex), MA; Pelham (Hillsborough), NH; Sudbury (Middlesex), MA; Woburn (Middlesex), MA
- **ROBERSON AND ASSOCIATES, LLC WI2X AQ 0660-EX-PL-2015**
New experimental to operate in 1759.95 - 1760.05 MHz to conduct RF measurements and to validate AWS-3 band propagation loss.
Fixed: Chicago (Cook), IL

- **SPIDERCLOUD WIRELESS, INC WH2XAC 0559-EX-PL-2015**
New experimental to operate in 746-756 MHz to test 3G femtocell wireless products.
Fixed: San Diego (San Diego), CA
- **STANTEC CONSULTING SERVICES INC. WH2XWV 0372-EX-PL-2015**
New experimental to operate on 401.65 MHz to provide habitat use information through the use of animal mounted sensors which will collect location and environmental data using the ARGOS satellite.
Mobile: Bering Sea, Chukchi Sea, Beaufort Sea, AK.
- **TELEPHONICS CORPORATION WH2XYG 0522-EX-PL-2015**
New experimental to operate in 14.71 - 14.83 and 15.15 - 15.35 GHz for testing ITAR controlled maritime surveillance radar systems.
Mobile: Elizabeth City, NC
- **THALES INFILYT EXPERIENCE WH2XYZ 0583-EX-PL-2015**
New experimental to operate in 420.00 - 430.00, 460.00 - 470.00, 810.00 - 826.00, 869.00 - 894.00, 921.00 - 960.00, 1805.00 - 1880.00, 1930.00 - 1990.00, 2110.00 - 2170.00 and 2620.00 - 2690.00 MHz for testing the transmission of the low RF power in the GSM frequency ranges.
Fixed: Irvine, CA
- **UNIVERSITY OF COLORADO WH2XSF 0131-EX-PL-2015**
New experimental to operate on 437.35 MHz for CubeSat operation
Mobile: Space - picosat
- **UNIVERSITY OF NORTH FLORIDA WH2XSJ 0204-EX-PL-2015**
New experimental to operate on 468 MHz for Testing for GOES system
Mobile: Engineering building, University of North Florida, Jacksonville, FL